

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2002

SIC Code		Industry		On-site Disposal or Other Releases													Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
				On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
				Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundment Pounds	Other Land Disposal Pounds	Subtotal Pounds				
10	Metal Mining	0	0	36,790,234	36,790,234	1,176,544	638,158	353,236	17,991,731	1	587,063,261	653,993,510	1,261,216,440	1,298,006,675	1,162,340	1,299,169,014			
12	Coal Mining	0	0	8,268,019	8,268,019	618,285	70,452	155,231	65,785	2,487,848	2,923,351	1,004,495	7,325,448	15,593,467	5,358	15,598,825			
20	Food	30,444	1,000	82,385	113,829	21,044,632	32,344,604	68,893,767	23,963	14,011,092	212,470	306,083	136,836,611	136,950,440	4,945,409	141,895,849			
21	Tobacco	0	0	8,013	8,013	31,734	2,183,516	299,922	0	95,042	0	0	2,610,214	2,618,227	309,565	2,927,792			
22	Textiles	0	0	310	310	1,159,163	4,374,084	56,271	0	62,000	164,529	1,505	5,817,552	5,817,862	552,682	6,370,543			
23	Apparel	0	0	50	50	44,574	354,897	5	0	0	0	0	399,476	399,526	51,409	450,935			
24	Lumber	0	3,129	289,923	293,052	3,110,326	26,420,745	14,728	0	70,804	27,686	29,145	29,673,434	29,966,486	2,181,183	32,147,670			
25	Furniture	0	0	0	0	827,024	6,170,614	47	0	0	0	4,757	7,002,442	7,002,442	43,364	7,045,806			
26	Paper	0	19	12,235,951	12,235,970	12,427,247	134,095,186	16,276,138	0	871,507	2,773,020	302,461	166,745,559	178,981,529	4,340,679	183,322,207			
27	Printing	0	0	224	224	8,898,722	8,123,219	262	0	0	0	51	17,022,254	17,022,478	308,105	17,330,583			
28	Chemicals	177,450,924	622,356	22,512,729	200,586,009	63,239,241	171,144,303	56,736,371	211,774	1,076,214	13,530,718	1,109,243	307,047,864	507,633,874	43,567,567	551,201,441			
29	Petroleum	3,728,488	4,072	397,948	4,130,508	16,876,048	30,477,526	16,600,066	37,228	16,232	60,976	47,992	64,116,068	68,246,576	2,710,194	70,956,770			
30	Plastics	0	76,447	624,374	700,821	15,017,731	49,551,067	29,963	0	0	4,843	23,020	64,626,624	65,327,445	9,035,029	74,362,474			
31	Leather	0	0	250	250	334,933	800,169	119,576	0	0	7,205	5	1,261,888	1,262,138	1,165,410	2,427,548			
32	Stone/Clay/Glass	0	37,701	3,343,818	3,381,518	1,577,856	34,080,028	129,108	5,273	2,207	104,506	415,619	36,314,598	39,696,117	6,321,119	46,017,236			
33	Primary Metals	876,289	2,407,227	45,602,981	48,886,497	13,139,454	40,129,576	42,299,936	2,184,988	4,926	35,167,891	305,775,767	438,702,538	487,589,035	255,871,600	743,460,634			
34	Fabricated Metals	0	28,955	125,435	154,390	14,183,385	24,676,658	1,832,768	0	1,860	14,043	252,453	40,961,167	41,115,557	20,953,667	62,069,223			
35	Machinery	0	1,176	249,227	250,403	2,496,234	3,912,558	20,353	0	27	0	43,835	6,473,007	6,723,410	6,757,573	13,480,982			
36	Electrical Equip.	0	79,111	216,888	296,000	3,396,010	8,092,641	3,167,435	0	260	1,619	4,543	14,662,507	14,958,507	5,899,292	20,857,799			
37	Transportation Equip.	10,023	27,515	273,680	311,218	12,292,679	53,590,562	169,063	0	17	21	133,925	66,186,267	66,497,484	11,324,678	77,822,163			
38	Measure/Photo.	0	417	40,305	40,722	697,919	6,074,238	947,794	0	566	1	702	7,721,220	7,761,942	921,227	8,683,169			
39	Miscellaneous	0	1,255	255	1,510	1,070,466	4,441,641	30,417	0	0	0	0	5,542,524	5,544,034	746,095	6,290,129			
491/493	Electric Utilities	0	9,619	138,173,889	138,183,508	340,187	722,222,462	3,054,124	4	2,519,515	148,038,024	8,180,708	884,355,025	1,022,538,534	72,211,286	1,094,749,819			
5169	Chemical Wholesale Distributors	0	0	0	0	404,731	675,016	415	0	0	5	2,107	1,082,275	1,082,275	211,134	1,293,409			
5171	Petroleum Terminals/Bulk Storage	0	12	250	262	1,023,061	2,055,230	307,417	0	0	13	182,837	3,568,558	3,568,820	244,246	3,813,066			
7389/4953	Hazardous Waste/Solvent Recovery	17,654,487	119,750,364	577,792	137,982,643	261,011	461,082	295,722	0	0	2,740,096	511	3,758,422	141,741,065	41,630,015	183,371,080			
--	Multiple codes 20-39	17,047	30,960	1,306,849	1,354,856	13,077,680	53,306,932	16,415,616	0	171,105	773,453	3,291,390	87,036,177	88,391,033	18,758,055	107,149,088			
--	No codes	2,049,136	80,235	1,047,431	3,176,802	1,012,127	1,682,101	1,770,643	0	470,259	1,445,420	7,174,317	13,554,866	16,731,669	1,495,457	18,227,125			
Total		201,816,839	123,161,569	272,169,211	597,147,619	209,779,007	1,422,149,268	229,976,391	20,520,746	21,861,484	795,053,151	982,280,979	3,681,621,026	4,278,768,645	513,723,735	4,792,492,380			

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/tridata/index.htm#pdr.

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Facilities/forms are included in the manufacturing industry categories (SIC Codes 20-39) if they did not report a SIC code in the other industries. Forms that reported more than one 2-digit SIC code within the range 20 to 39 are assigned to the "multiple codes" category. Facilities/forms are included in the other industry categories if the facility/form has a SIC code in the other industries and no SIC code in 20-39. If the facility reported in any year prior to 1998 and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the manufacturing industry category. If the facility reported for the first time in 1998 or later and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the other industry category. Forms with no 2-digit SIC code are included in the "no codes" category. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2002 and previous years have been included in SIC code 10 for the purpose of this analysis.